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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Jim Surjaatmadja, et al.  
 Serial No. : 10/692,564  
 Filed : October 24, 2003  
 Title : ORBITAL DOWNHOLE SEPARATOR



Art Unit : 3672  
 Examiner : Unknown

**MAIL STOP AMENDMENT**

Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Applicants request consideration of the references listed on the attached PTO-1449 form. Under 37 C.F.R. § 1.98 (a)(2)(ii), copies of the listed U.S. patents and U.S. patent application publications are not enclosed, but can be provided upon request. Copies of the listed foreign patent documents and non-patent literature are enclosed.

This statement is being filed within three months of the filing date of the application or before the receipt of a first Office Action on the merits. Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: June 16, 2005

Terry J. Stalford  
 Reg. No. 39,522

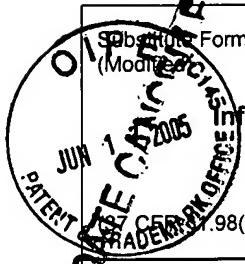
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**CERTIFICATE OF MAILING BY EXPRESS MAIL**

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Substitute Form PTO-1449  
(Modified 1-2002)U.S. Department of Commerce  
Patent and Trademark Office
**Information Disclosure Statement**  
**by Applicant**  
 (Use several sheets if necessary)

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 PATENT  
TRADEMARK OFFICE  
U.S. GOVERNMENT
Attorney's Docket No.  
17604-005001 / 2002-  
IP-008025 U1 USAApplication No.  
10/692,564Applicant  
Jim Surjaatmadja, et al.Filing Date  
October 24, 2003Group Art Unit  
3672

<b>U.S. Patent Documents</b>							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	4,241,787	12/30/1980	Price			
	AB	4,296,810	10/27/1981	Price			
	AC	5,127,457	07/07/1992	Stewart et al.			
	AD	5,149,432	09/22/1992	Lavin			
	AE	5,195,939	03/23/1993	Gingras			
	AF	5,240,073	08/31/1993	Bustamante et al.			
	AG	5,296,153	03/22/1994	Peachey			
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	AJ	5,389,128	02/14/1995	Lopes			
	AK	5,425,416	06/20/1995	Hammeket al.			
	AL	5,431,228	07/11/1995	Weingarten et al.			
	AM	5,443,120	08/22/1995	Howell			
	AN	5,456,837	10/10/1995	Peachey			
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	AP	5,570,744	11/05/1996	Weingarten et al.			
	AQ	5,730,871	04/24/1998	Kennedy et al.			
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	AS	5,899,270	05/04/1999	Watson			
	AT	5,916,082	06/29/1999	Opfer			
	AU	5,961,841	10/05/1999	Bowers			
	AV	5,988,275	11/23/1999	Brady et al.			
	AW	5,992,521	11/30/1999	Bergren et al.			
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	AY	6,015,011	01/18/2000	Hunter			
	AZ	6,017,456	01/25/2000	Kennedy et al.			
	BA	6,033,567	03/07/2000	Lee et al.			

Examiner Signature

Date Considered

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 17604-005001 / 2002- IP-008025 U1 USA	Application No. 10/692,564
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))		Applicant Jim Surjaatmadja, et al.	
		Filing Date October 24, 2003	Group Art Unit 3672

**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	BB	6,056,054	05/02/2000	Brady et al.			
	BC	6,068,053	05/30/2000	Shaw			
	BD	6,080,312	06/27/2000	Bowers et al.			
	BE	6,082,452	07/04/2000	Shaw			
	BF	6,089,317	07/18/2000	Shaw			
	BG	6,119,870	09/19/2000	Maciejewski et al.			
	BH	6,131,655	10/17/2000	Shaw			
	BI	6,138,757	10/31/2000	Latos et al.			
	BJ	6,138,758	10/31/2000	Shaw et al.			
	BK	6,142,224	11/07/2000	Stuebinger et al.			
	BL	6,152,218	11/28/2000	Safargar			
	BM	6,173,774	01/16/2001	Fox			
	BN	6,189,613	02/20/2001	Chachula et al.			
	BO	6,196,312	03/06/2001	Collins et al.			
	BP	6,196,313	03/06/2001	Simons			
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	BR	6,209,641	04/03/2001	Stevenson			
	BS	6,260,619	07/17/2001	Svedeman et al.			
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	BU	6,336,504	01/08/2002	Alhanati et al.			
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	BX	6,436,298	08/20/2002	Parkinson			
	BY	6,494,258	12/17/2002	Weingarten			
	BZ	6,543,537	04/08/2003	Kjos			
	CA	6,547,003	04/15/2003	Bangash et al.			
	CB	6,550,535	04/22/2003	Traylor			

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**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	CC	6,627,081	09/30/2003	Hilditch et al.			
	CD	6,672,385	01/06/2004	Kilaas et al.			
	CE	6,691,781	02/17/2004	Grant et al.			
	CF	6,705,402	03/16/2004	Proctor			
	CG	6,719,048	04/13/2004	Ramos et al.			
	CH	6,736,880	05/18/2004	Ford et al.			
	CI	6,755,250	07/29/2004	Hall et al.			
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	CK	6,755,978	06/29/2004	Oddie			
	CL	6,761,215	07/13/2004	Morrison et al			
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	CP	20020189807	12/19/2002	Emanuele et al.			
	CQ	20030051874	03/20/2003	Munson et al.			
	CR	20030079876	05/01/2003	Underdown			
	CS	20030145991	08/07/2003	Olsen			
	CT	2004/0069494	04/15/2004	Olsen et al.			
	CU	20040074390	04/22/2004	Ford et al.			
	CV	20040104027	06/03/2004	Rossi et al.			
	CW	20040112602	06/17/2004	Arebrat			
	CX	20040134654	07/15/2004	Snow			
	CY						

**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	CZ	WO 92/00810	01/23/1992	PCT				

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### Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	DA	WO 9603566 A2	02/08/1996	PCT				
	DB	WO 9725150 A1	07/17/1997	PCT				
	DC	WO 9837307 A1	08/27/1998	PCT				
	DD	WO 9841304	09/24/1998	PCT				
	DE	WO 0065197 A1	11/02/2000	PCT				
	DF	WO 0123707 A1	04/05/2001	PCT				
	DG	WO 0131328 A1	05/03/2001	PCT				
	DH	WO 0214647 A1	02/21/2002	PCT				
	DI	EP 0834342 B1	02/05/2003	EPO				
	DJ	WO 03/022409 A1	03/20/2003	PCT				
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	DL	GB 2 395 504	05/26/2004	GB				
	DM	WO 2004/053291 A1	06/24/2004	PCT				

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Examiner Initial	Desig. ID	Document
	DN	C. C. Jensen A/S, Lovholmen 13, 5700 Svendborg, Denmark, "CJC™ Filter Separators," 2 pages < <a href="http://www.cjc.dk/index.php?m=p&amp;pid=34">http://www.cjc.dk/index.php?m=p&amp;pid=34</a> >, visited 9/27/2004
	DO	AKER KVAERNER, "Top Separator" 1 page < <a href="http://www.akerkvaerner.com/Internet/IndustriesAndServices/Pulping/Fiberlinerecaust/Co">http://www.akerkvaerner.com/Internet/IndustriesAndServices/Pulping/Fiberlinerecaust/Co</a> >, visited 9/13/2004.
	DP	AKER KVAERNER, "Kvaerner Process Systems – Process Systems And Complete Process Trains For The Oil And Gas Industry," 3 pages < <a href="http://www.offshore-technology.com/contractors/separation/kvaerner3/">http://www.offshore-technology.com/contractors/separation/kvaerner3/</a> >, visited 9/13/2004
	DQ	LOOKSMART, "Downhole Separation Eliminates Premature Oil Well Shut-Ins," <u>World Oil</u> , April 1998, 3 pages <a href="http://www.findarticles.com/p/articles/mi_m3159/is_n4_219/ai_20872448">http://www.findarticles.com/p/articles/mi_m3159/is_n4_219/ai_20872448</a> , visited 9/13/2004
	DR	Gibbs, Walter, "A Cleaner, Brighter Oil Age," 05/02/2002, 5 pages <a href="http://www.nortrade.com/OilGas/Articles&gt;ShowArticle.aspx?id=27&amp;sectorid=25">http://www.nortrade.com/OilGas/Articles&gt;ShowArticle.aspx?id=27&amp;sectorid=25</a> , visited 9/13/2004
	DS	Nilsen, Pål, et al, "A Novel Separator Inlet Design," 1999, 1 pg. <a href="http://www01.se.abb.com/global/gad/gad00393.nsf/0/8a9875a54720ef79c1256ccc0048747">http://www01.se.abb.com/global/gad/gad00393.nsf/0/8a9875a54720ef79c1256ccc0048747</a> , site visited 9/13/2004

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**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document	
	DT	Stewart Technology Associates, <u>Overview of STA</u> , "Recent Installations – Zetapdm," 3 pages < <a href="http://www.stewart-usa.com/id73_m.htm">http://www.stewart-usa.com/id73_m.htm</a> >, visited 9/13/2004	
	DU	Hart's E&Pnet, "March: Subsea Processing: Seabed Processing Comes of Age," March 2000, 5 pages, < <a href="http://www.eandpnet.com/ep/previous/0300/seabed.htm">http://www.eandpnet.com/ep/previous/0300/seabed.htm</a> >, visited 9/13/2004	
	DV	Technology Applications, March 2000, 2 pgs.	
	DW	Jotne Link, "Separators From Jotne to Grane", 2000, 1 pg. <a href="http://www.jotne.com/jotnelink/sept00/separators.html">http://www.jotne.com/jotnelink/sept00/separators.html</a> , visited 9/13/2004	
	DX	Affleck, Richard Peter, "Recovery of Xylitol From Fermentation of Model Hemicellulose Hydrolysates Using Membrane Technology," December 12, 2000, Blacksburg, Virginia, 118 pgs.	
	DY	Eurolakes, <u>Integrated Water Resource Management for Important Deep European Lakes and Their Catchment Areas</u> , "D-15: Technical Considerations part 3 – EUROSIM," 02/25/2002, 59 pgs.	
	DZ	NCSRT, "OPTISEP 200 & 400 Biopharmaceutical Processing, Flat Sheet Membrane Holder," 2 pages < <a href="http://www.ncsrt.com/web_development/web_site/filt_optisep.htm">http://www.ncsrt.com/web_development/web_site/filt_optisep.htm</a> >, site visited 9/13/2004.	
	EA	LeCoffre, Yves, et al, "Optisep ®, A new concept in liquid-liquid separation," Force Downhole Subsea Processing Seminar, 3/16-17/1999, Stavanger, YLec Consultants, 19 pgs.	
	EB	Dougherty, Cynthia C., Memorandum to Water Management Division Directors EPA Regions I-X, "Well Classification Guidance for Downhole Hydrocarbon/Water Separators", UIC Program Guidance #82, January 5, 2000, 8 pgs.	
	EC	KVAERNER, KOP Internet, materials from Website, 4 pages < <a href="http://www.kop.kvaerner.com">http://www.kop.kvaerner.com</a> >, visited 3/22/2002	
	ED	Wolff, Erik A., et al., "Advanced Electrostatic Internals in the 1 <sup>st</sup> Stage Separator Enhance Oil/Water Separation and Reduce Chemical Consumption on the Troll C Platform," OTC 16321, Offshore Technology Conference, Houston, Texas, 05/03-06/2004, pp. 1-7	
	EE	"Quantum Leap in Downhole Separation," PetroMin, March 2000, pp. 28-31	
	EF	Gunnerod, Terje, "Quantum Leap in Downhole Separation," prior to March 2000, pp. 7-10	
	EG	Verbeek, P.H.J., et al., "Downhole Separator Produces Less Water and More Oil," SPE 50617, Society of Petroleum Engineers, Inc., Copyright 1998, pp. 429-434	
	EH	"Downhole Separator Produces Less Water and More Oil," JPT, March 1999, 2 pages	
	EI	Schanke, T., et al., "Oil in Water Monitoring for Subsea and Downhole Separators," SPE 66538, Society of Petroleum Engineers, Inc., copyright 2001, pp. 1-6	
	EJ	Lahann, Joerg, "A Reversibly Switching Surface," <u>Science Magazine</u> , Vol. 299, pp. 371-374, 01/17/2003	
	EK	MIT News, "MIT's Smart Surface Reverse Properties," January 16, 2003 < <a href="http://web.mit.edu/newsoffice/nr/2003/smartsurface.html">http://web.mit.edu/newsoffice/nr/2003/smartsurface.html</a> >, visited 12/3/2003	
	EL	"Chemists Concoct Quick-Change Surface," <u>Science</u> , Vol. 299, 17 January 2003, pages 321 and 323	
	EM	Huber, Dale L. et al, "Programmed Adsorption and Release of Proteins in a Microfluidic Device," <u>Science</u> , Vol. 301, 18 July 2003, pp. 352-354	

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(37 CFR §1.98(b))		Filing Date October 24, 2003	Group Art Unit 3672

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
	EN	U.S. Patent Application Serial No. 10/883,368 titled, "Fluid Separator with Smart Surface," 1 page Cover, 30 pages specification, claims and abstract and 11 pages of drawings, filed July 1, 2004
	EO	U.S. Patent Application Serial No. 10/924,161 titled, "Downhole Oil and Water Separator and Method," 1 page Cover, 18 pages specification, claims and abstract and 6 pages of drawings, filed August 23, 2004
	EP	
	EQ	
	ER	
	ES	
	ET	
	EU	
	EV	

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